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Patrick G. Burns, GREER, BURNS of 300 South Wacker Chicago, IL 60606	Esq. & CRAIN, LTD. Dr., Suite 2500		·	Ce I hereby certify that t States Postal Service addressed to the Ma	ertificate of Mailing or Transhis Fee(s) Transmittal is bein with sufficient postage for fir il Stop ISSUE FEE address PTO, on the date indicated bel	g deposited with the United st class mail in an envelope above, or being facsimile
Cinicago, in occoo						(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE	FII	RST NAMED INVEN	ITOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/960,094	09/21/2001	<u>. </u>	Masatsugu Nishio	la	0941.65858	5078
TITLE OF INVENTION: II THAT CHANGES A PULS	NDUCTANCE DEVICE DR E WIDTH OF A VOLTAGE	IVING SYSTEM, IN E APPLIED TO AN I	NFORMATION ST INDUCTANCE DI	ORAGE APPARATI EVICE ACCORDING	IS, AND INDUCTANCE DE TO A CURRENT INSTRUC	VICE DRIVING METHOD TION VALUE
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	P	JBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330		\$300	\$1630	07/19/2004
EXAM	IINER	ART UNIT	C	LASS-SUBCLASS		
PSITOS, ARI	STOTELIS M	2653		369-013220		
Address form PTO/SB/1 "Fee Address" indicate PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless	ion (or "Fee Address" Indicate or more recent) attached. Use DRESIDENCE DATA TO B an assignee is identified belied to the USPTO or is being s	tion form e of a Customer E PRINTED ON TH low, no assignee data submitted under sepa	agents OR, altern firm (having as a agent) and the na attorneys or agen will be printed. E PATENT (print a will appear on the rate cover. Comple	e patent. Inclusion of	of a single attorney or 2ttered patent ed, no name 3assignee data is only approprior a substitute for filing an ass	ate when an assignment has ignment.
Please check the appropriate	e assignee category or catego	ries (will not be print	ted on the patent):	individual 🔾	corporation or other private g	roup entity
4a. The following fee(s) are			Payment of Fee(s):			
☐ Issue Fee			A check in the arr	ount of the fee(s) is er	nclosed.	
☐ Publication Fee				t card. Form PTO-203		
☐ Advance Order - # of	Copies		I The Director is I Deposit Account Nu		charge the required fee(s), or (enclose an extra	credit any overpayment, to copy of this form).
Director for Patents is reque	sted to apply the Issue Fee an	nd Publication Fee (i	f any) or to re-appl	y any previously paid	issue fee to the application ide	entified above.
(Authorized Signature)		(Date)				
NOTE; The Issue Fee an other than the applicant; interest as shown by the re	d Publication Fee (if require a registered attorney or agr cords of the United States Pa	ed) will not be acce ent; or the assignee atent and Trademark	pted from anyone or other party in Office.			
obtain or retain a benefit application. Confidentialit estimated to take 12 minu completed application for case. Any comments on suggestions for reducing Patent and Trademark 22313-1450. DO NOT S	ation is required by 37 CFR by the public which is to fi y is governed by 35 U.S.C. I tes to complete, including m to the USPTO. Time with amount of time you this burden, should be sent Office, U.S. Department SEND FEES OR COMPLE for Patents, Alexandria, Virg.	ile (and by the USP' 122 and 37 CFR 1.14 thering, preparing, a thering, preparing, a therefore to complete to the Chief Informa of Commerce, Ale TED FORMS TO	TO to process) an . This collection is and submitting the pop the individual	,		

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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

04/19/2004

Patrick G. Burns, Esq. GREER, BURNS & CRAIN, LTD. 300 South Wacker Dr., Suite 2500 Chicago, IL 60606

EXA	MINER
PSITOS, AI	RISTOTELIS M
ART UNIT	PAPER NUMBER
2653	8

DATE MAILED: 04/19/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/960 094	09/21/2001	Masatsugu Nishida	0941 65858	5078

TITLE OF INVENTION: INDUCTANCE DEVICE DRIVING SYSTEM, INFORMATION STORAGE APPARATUS, AND INDUCTANCE DEVICE DRIVING METHOD THAT CHANGES A PULSE WIDTH OF A VOLTAGE APPLIED TO AN INDUCTANCE DEVICE ACCORDING TO A CURRENT INSTRUCTION VALUE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	07/19/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/960,094 09/21/2001		Masatsugu Nishida	0941.65858	5078	
7	590 04/19/2004		EXAM	INER	
Patrick G. Burns, Esq.			PSITOS, ARIS	PSITOS, ARISTOTELIS M	
GREER, BURNS 300 South Wacker			ART UNIT	PAPER NUMBER	
Chicago, IL 60606			2653	8	
			DATE MAILED: 04/19/2004	4	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 291 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 291 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

	Application No.	Applicant(s)	
A 1 4 ° · · · · · · · · · · · · · · · · · ·	09/960,094	NISHIDA ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Aristotelis M Psitos	2653	
The MAILING DATE of this communication appearable claims being allowable, PROSECUTION ON THE MERITS IS (the herewith (or previously mailed), a Notice of Allowance (PTOL-85) of NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RICE of the Office or upon petition by the applicant. See 37 CFR 1.313	OR REMAINS) CLOSED in thing or other appropriate communice GHTS. This application is subjection is subjection.	s application. If not included ation will be mailed in due course. THIS	e
1. This communication is responsive to <u>2/5/04</u> .			
2. The allowed claim(s) is/are <u>1-20</u> .			
3. The drawings filed on are accepted by the Examiner.			
 4. Acknowledgment is made of a claim for foreign priority under a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents nature (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONMITHIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give (a) including changes required by the Notice of Draftsperson (b) including changes required by the attached Examiner's Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying Indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the paper No./Mail Date DEPOSIT OF and/or INFORMATION about the depose attached Examiner's comment regarding REQUIREMENT Feach sheet. Replacement sheet(s) should be labeled as such in the paper No./Mail Date 	been received. been received in Application Numents have been received in of this communication to file a rent of this application. Itted. Note the attached EXAMI is reason(s) why the oath or detail be submitted. It is application on the comment of the comment	this national stage application from the eply complying with the requirements NER'S AMENDMENT or NOTICE OF claration is deficient. PTO-948) attached the Office action of trawings in the front (not the back) of .121(d). IAL must be submitted. Note the	
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/0: Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Sum Paper No./Ma 8), 7. ☐ Examiner's Am	il Date nendment/Comment atement of Reasons for Allowance	

U.S. Patent and Trademark Office PTOL-37 (Rev. 1-04)

Part of Paper No./Mail Date

Continuation Sheet (PTOL-37)

Continuation of Attachment(s) 9. Other: with respect to the priority document, applicants' have presented evidence that the priority document was received by the USPTO, however, such documentation is not presently found in the file..